

U.S. Department of Energy Sustainability Performance Office DOE Sustainability SPOTlight

Issue 12 August 2012

SUSTAINABILITY NEWS

FEMP Launches 2013 Better Buildings Federal Award

Nominations are currently being accepted for the 2013 Better Buildings Federal Award (BBFA), which recognizes the Federal government's highest-performing energy efficient buildings. The BBFA is part of the President's Better Buildings Initiative, which challenges the private and public sectors to make investments to improve energy efficiency in America's buildings by 20% over the next decade.



FEMP will select finalists for the competition based on energy efficiency measures deployed in facilities, best practices in energy management undertaken by facility personnel, and institutional change programs used to encourage sustainability efforts within facilities. Applicants chosen by FEMP will go on to compete nationally against other agencies.

DOE nominations will be coordinated through the Sustainability Performance Office and must be received no later than September 4, 2012. For registration information, visit: <http://go.usa.gov/Gnc>.

To follow the 2012 competition (and the progress of DOE's Sandia National Lab), visit: <http://go.usa.gov/G5p>

New Interior Policy Promotes Solar Deployment on Federal Land

The Department of Interior, in partnership with DOE, released a new policy on the development of solar energy on Federal land in Arizona, California, Colorado, Nevada, New Mexico, and Utah. The initial policy creates 17 Solar Energy Zones comprising 285,000 acres of land, while excluding 78 million acres to protect natural and cultural resources. Development within the Solar Energy Zones will receive economic incentives and be able to utilize a quicker and easier permitting process. For more information, visit: <http://go.usa.gov/fek>.

COMMUNITY ANNOUNCEMENT

Feds Feed Families Food Drive Accepting Donations



The Annual Feds Feed Families food drive is currently underway at DOE and throughout the Federal government. A list of the 12 "Most Wanted Items" can be found at <http://go.usa.gov/G5f>. Bins have been placed throughout DOE to accept donations. For more information, contact DOE's champion, Stephen Domotor (Stephen.domotor@hq.doe.gov).

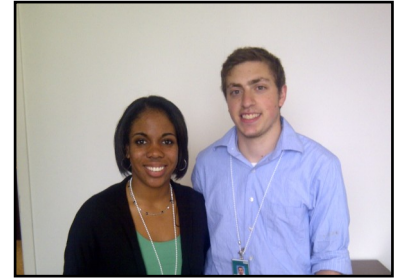
To learn more about the Feds Feeds Families program, visit: <http://go.usa.gov/G5f>.

DID YOU KNOW?



The city of London is embracing its role as host city and is showcasing sustainable practices during this year's Olympic games. In addition to focusing on sustainable construction and transportation, the city also developed a comprehensive waste management plan that aims to divert all waste away from landfills. For more information, visit: <http://www.london2012.com/about-us/sustainability/>.

SUSTAINABILITY SUPERSTARS



A special thanks to our interns, Maya Macon and Matt Schneider, for all their hard work and support this summer. We valued their time with us and wish them luck while they complete their studies.

Send us your champion!

SPO Training Day Announcement

The SPO sponsored training day, originally planned for August 23, has been rescheduled. Please revise your calendars and join us on **Tuesday, August 21, 2012 (11:00a-4:00p EDT)**. Those who are already in Washington, D.C. are encouraged to attend in person. Presentations will also be made available through webinar.

For more information, contact the SPO at sustainability@hq.doe.gov.

UPCOMING EVENTS AND MILESTONES

Events

Aug: SSP Guidance Issued
 Aug. 21: SPO Training Day
 Sep. 24-26: [GreenGov](#)
 Sep. 27: DOE Sustainability Awards

Courses

Aug. 19: [Renewables at Fed. Sites](#)
 Sep. 11: [Data Center Efficiency for Designers and Operators](#)
 Sep. 20: [Intro to UESC](#)

ON-DEMAND TRAINING

Financing

[ESPCs for Small Sites](#)
[UESCs and Energy Project Funds](#)

Buildings

[Advanced Metering Requirements and Best Practices](#)
[Commissioning for Federal Facilities](#)
[Operations, Maintenance, and Commissioning](#)

Water

[Water Efficiency Planning and Implementation](#)

Data Centers

[Data Center Efficiency to ASHRAE Thermal Guidelines](#)
[Labs, Data Centers and High-Tech Facilities](#)

Greenhouse Gas Reporting

[Federal GHG Accounting and Reporting](#)

Sustainable Acquisition

[Energy-Efficient Product Procurement](#)
[OFE's Green Purchasing Training](#)

SUCCESS STORIES

Nevada National Security Site Receives 11 Electric Vehicles in GSA Pilot

The Nevada National Security Site (NNSS), and its prime contractor National Security Technologies (NSTec), recently received 11 Chevy Volts as part of a first of its kind General Services Administration sponsored electric vehicle pilot program. The pilot aims to incorporate Electric Vehicle (EV) technology into Federal fleet and infrastructure to study potential for long term integration. In total, 116 electric plug-in vehicles were leased to 20 agencies throughout the Federal government. The EVs usage data will be tracked to evaluate potential cost savings, greenhouse gas



reductions, and vehicle performance in various environments.

Steven Mellington, manager of the NNSA Nevada Site Office, noted that NNSS "is an ideal



testing location because it will challenge the vehicles in a wide variety of driving conditions: hot and cold, flat and mountainous, rural and city." Employees will use these vehicles during the summer months when temperatures are in excess of 100 degrees and in the winter months in freezing and snowy conditions. To learn more about the EV pilot program at NNSS, contact BJ Morris at betty.morris@nnsa.doe.gov.

For more information on the GSA pilot visit <http://go.usa.gov/G56>.

SUCCESS STORIES

Sustainability Successes at LLNL

Employees at NNSA's Livermore Site Office Building 311 prove that implementing small sustainable practices amounts to big results. The 41,000 square foot building installed off-hours setbacks on the HVAC, lighting, and occupancy sensors; enabled duplex printing, and reduced hot water temperatures. These set backs resulted in a 30% decrease in energy consumption, a key HPSB guiding principle. The employee's extensive use of carpools, vanpools, biking, hybrid vehicles, and flexible work schedules also led to significant reductions in commuting-related energy use and GHGs.

The site identified a series of additional energy conservation measures (ECMs) that will create even greater efficiencies. Energy and water efficient appliances and fixtures continue to be installed, and IT upgrades will be made to increase teleconferencing capabilities. A recent building audit identified several ECMs that will put the building on a path toward LEED certification by 2013. Coincidentally, the expected certification date is planned to coincide with the building's 50th anniversary.

For more information on LLNL's sustainability efforts, contact Karin King at Karin.king@nnsa.doe.gov.

SUSTAINABILITY RESOURCES

Energy Recovery in Laboratory Facilities

Laboratories for the 21st Century (Labs 21), a joint program of EPA and DOE, recently published a best practice case study examining energy recovery systems in laboratory facilities. The guide examines the applicability of both air-to-air and water-to-water heat recovery systems. To learn more, visit: <http://go.usa.gov/GRY>.

Additional Labs 21 case studies can be found at <http://go.usa.gov/GRg>.

Check out CEQ's latest GreenGov Leader newsletter: whitehouse.gov/greengov/leader



ASK THE SPO - Do you have a question for the SPO? Is there a topic that you would like discussed in the next SPOTlight? We would like to hear from you. Please send comments, thoughts, ideas, and questions to sustainability@hq.doe.gov.